

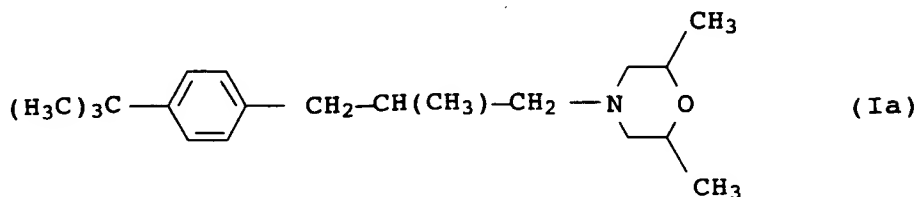
Abstract

Fungicidal mixtures, comprising as active components

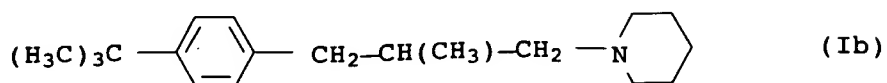
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- a) a morpholine or piperidine derivative I selected from the group of the compounds Ia, Ib, Ic and Id

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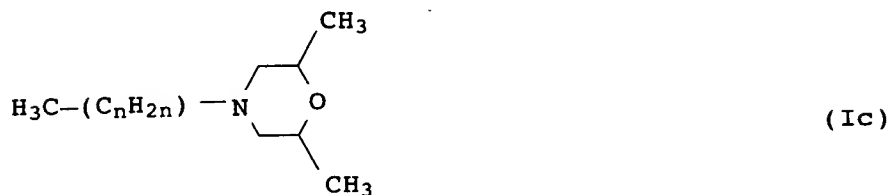


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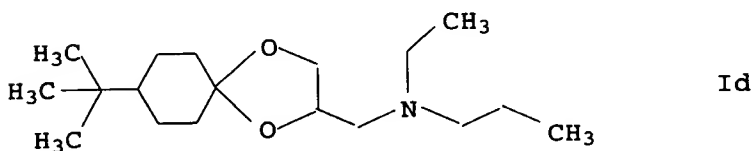
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[n = 10, 11, 12 (60 - 70%) or 13]

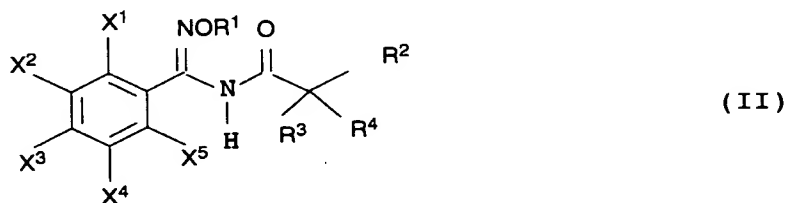


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and

- b) compounds of the formula II

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where the substituents X^1 to X^5 and R^1 to R^4 are as defined below:

X^1 is C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy or halogen;

5 X^2 to X^5 are, independently of one another, hydrogen, halogen, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -alkoxy or C_1 - C_4 -haloalkoxy;

10 R^1 is C_1 - C_4 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_1 - C_4 -alkyl- C_3 - C_7 -cycloalkyl, C_1 - C_4 -alkyl- C_3 - C_7 -cycloalkenyl, where these radicals may carry substituents selected from the group consisting of halogen, cyano and C_1 - C_4 -alkoxy,

15 R^2 is a phenyl radical or a 5- or 6-membered saturated or unsaturated heterocyclyl radical having at least one heteroatom selected from the group consisting of N, O and S, where the cyclic radicals may have one to three substituents selected from the group consisting of halogen, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, 20 C_1 - C_4 -alkoxy- C_2 - C_4 -alkenyl, C_1 - C_4 -alkoxy- C_2 - C_4 -alkynyl,

R^3 and R^4 are, independently of one another, hydrogen, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, N- C_1 - C_4 -alkylamino, C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy

25 in a synergistically effective amount are described.

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